

Title (en)  
Drier for refrigerant condenser

Title (de)  
Trockner für Kältemittelkondensator

Title (fr)  
Sécheur pour condenseur à fluide frigorigène

Publication  
**EP 1387134 B1 20070815 (DE)**

Application  
**EP 03015294 A 20030707**

Priority  
DE 10234889 A 20020731

Abstract (en)  
[origin: EP1387134A2] The device is in the form of an injection-molded part (1) whose material essentially contains 3 components, namely a polymer, a channel formation and a molecular sieve. The molecular sieve is inserted into the polymer material and/or in channels passing through the polymer material. The injection-molded part is in the form of a dense cylindrical part whose cross-section matches the collector (12). Independent claims are also included for the following: (a) the use of an injection molded part for drying coolant in a coolant circuit for an air conditioning system, especially for motor vehicles (b) a collector for coolant in a closed circuit, especially in a coolant circuit for an air conditioning system (c) and a heat exchanger, especially a condenser.

IPC 8 full level  
**F25B 43/00** (2006.01); **B01D 53/26** (2006.01); **F25B 39/04** (2006.01)

CPC (source: EP)  
**F25B 39/04** (2013.01); **F25B 2339/0441** (2013.01)

Cited by  
EP1764569A1; EP1703234A3; EP1566600A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1387134 A2 20040204**; **EP 1387134 A3 20051221**; **EP 1387134 B1 20070815**; AT E370374 T1 20070915; DE 10234889 A1 20040219; DE 50307933 D1 20070927; ES 2291567 T3 20080301

DOCDB simple family (application)  
**EP 03015294 A 20030707**; AT 03015294 T 20030707; DE 10234889 A 20020731; DE 50307933 T 20030707; ES 03015294 T 20030707